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Shainoff

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[54] **GLYOXAL AGAROSE**

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[52] **U.S. Cl.** ..... **536/115;** 530/120; 530/116; 204/180 G; 252/316

[58] **Field of Search** ..... 204/180 G, 299; 536/4, 536/6, 115, 120, 116; 424/2, 12

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[57] **ABSTRACT**

A new composition of matter is provided having novel, valuable attributes in the zonal immobilization of proteins of biochemical origin which expands man's capacity to separate, isolate, detect, and sequentially sorb and desorb, concentrate, and quantify and qualify picomole size samples or specimens of complex proteins of biochemical origin into fundamentally interesting fractions for studies to expand the understanding of, illustratively, the complex proteins in lesions of atherosclerosis, antigens, antibodies, enzyme immobilization in studies of enzymatic actions in body tissues and functions, immunoglobulins, genetic aberrations, molecular size separations of complex proteins, and extends the sensitivity of detection of such isolates beyond that achievable by prior art radio immunoassay techniques.

3 Claims, 4 Drawing Figures